

Title (en)

IMPROVED UPPER HINGE DESIGN FOR A BUCKET

Title (de)

VERBESSERTES OBERES SCHARNIERDESIGN FÜR EINEN EIMER

Title (fr)

CONCEPTION DE CHARNIÈRE SUPÉRIEURE AMÉLIORÉE POUR GODET

Publication

**EP 3402929 A1 20181121 (EN)**

Application

**EP 16823486 A 20161220**

Priority

- US 201614992236 A 20160111
- US 2016067863 W 20161220

Abstract (en)

[origin: US2017198456A1] A hinge attachment bracket for use with a work implement is provided. The bracket comprises a substantial I-beam configuration that includes a first flange, a second flange, a web that connects the first flange to the second flange and that defines a boss that defines a pin receiving bore that establishes a radial direction, a radial plane and a longitudinal axis. The first and second flanges may merge toward each other tangentially forming a first extension portion.

IPC 8 full level

**E02F 3/36** (2006.01); **E02F 9/00** (2006.01)

CPC (source: EP US)

**E02F 3/34** (2013.01 - US); **E02F 3/3417** (2013.01 - US); **E02F 3/3631** (2013.01 - EP US); **E02F 3/40** (2013.01 - US)

Citation (search report)

See references of WO 2017123391A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10246848 B2 20190402**; **US 2017198456 A1 20170713**; AU 2016386092 A1 20180809; AU 2016386092 B2 20220707; CN 108463595 A 20180828; CN 108463595 B 20210615; EP 3402929 A1 20181121; EP 3402929 B1 20200311; WO 2017123391 A1 20170720

DOCDB simple family (application)

**US 201614992236 A 20160111**; AU 2016386092 A 20161220; CN 201680077998 A 20161220; EP 16823486 A 20161220; US 2016067863 W 20161220